0022560 "10/2/2560

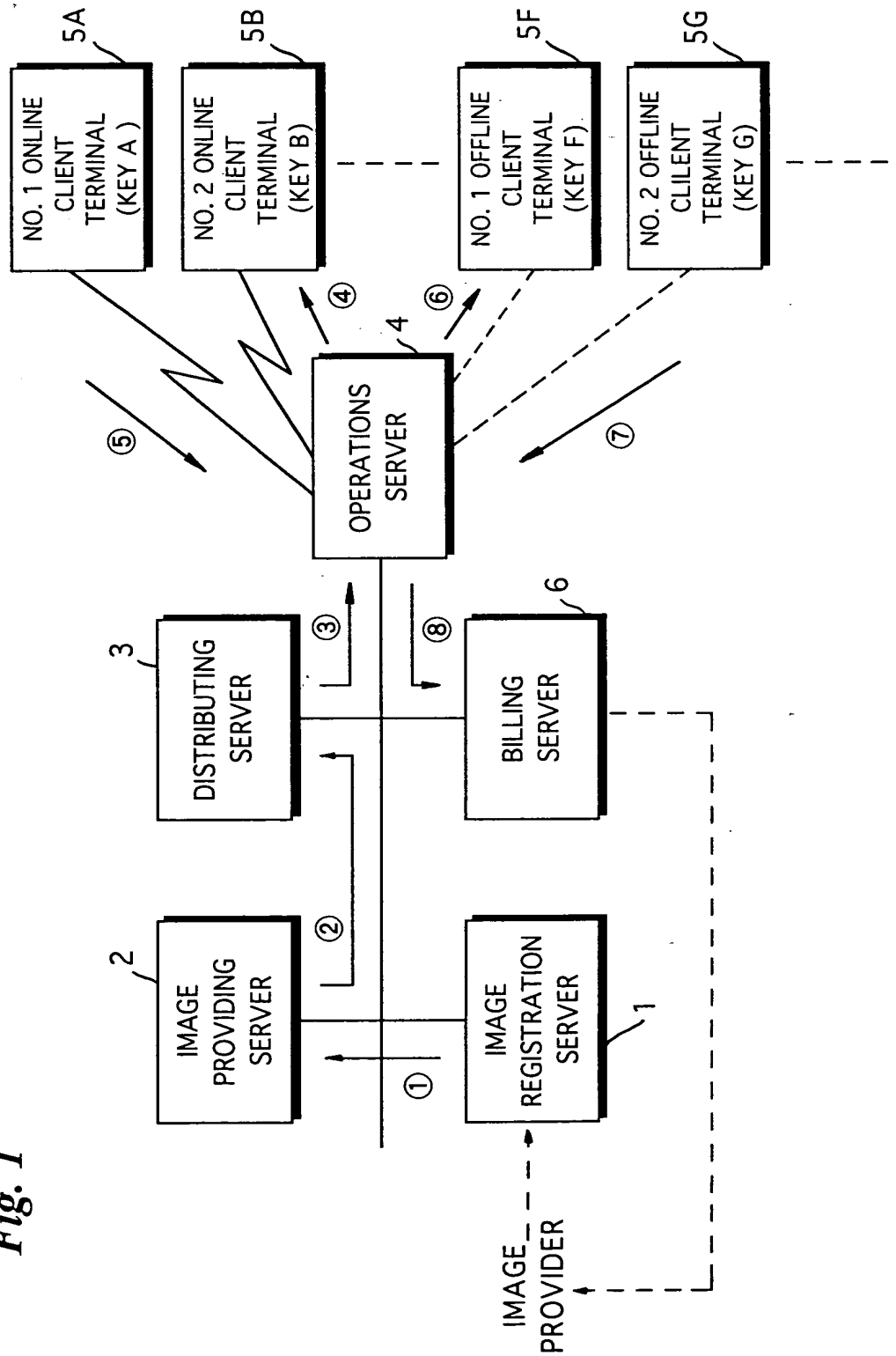
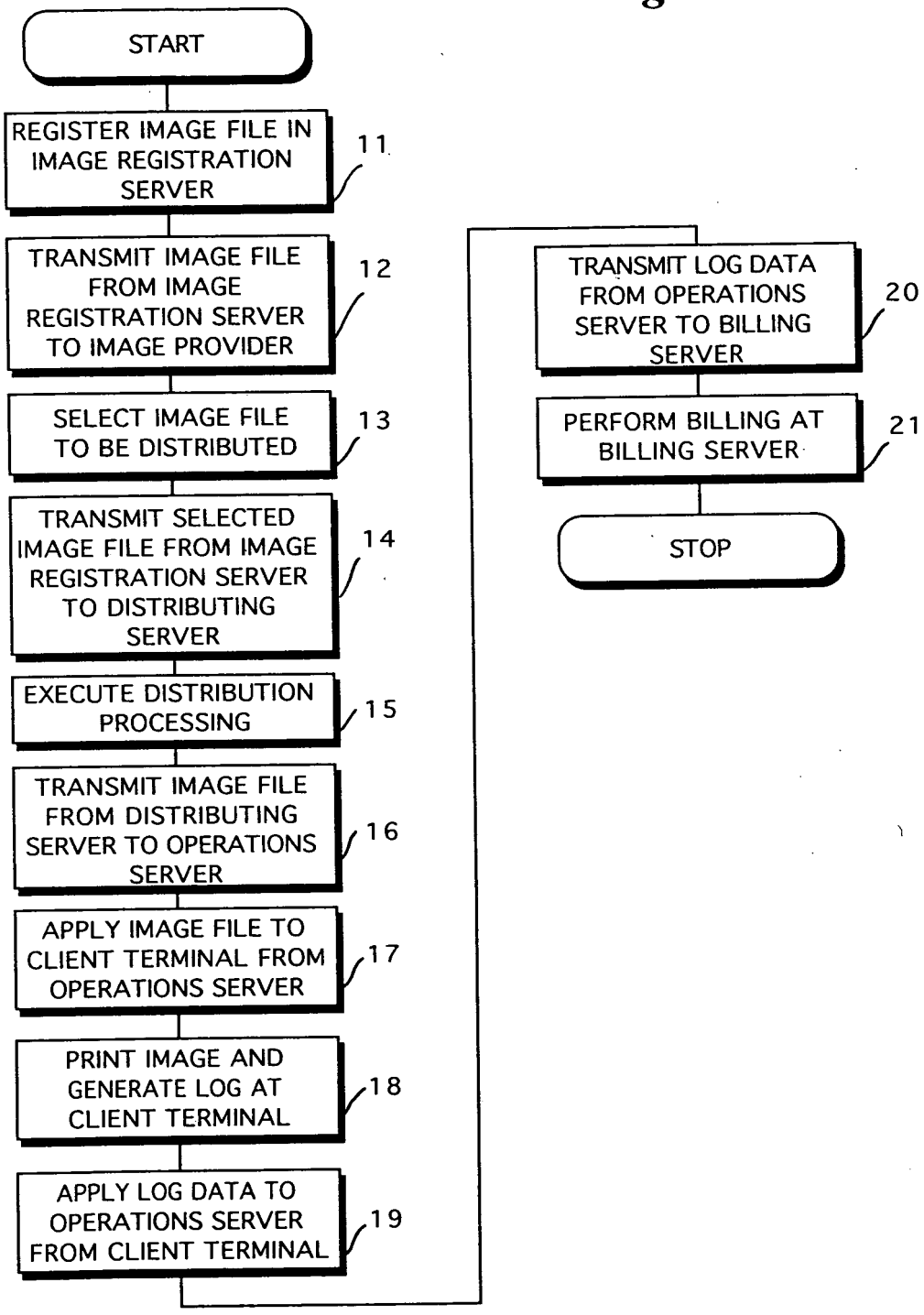


Fig. 1

Fig. 2



0025260 "EP02760850

0025250 "0259560

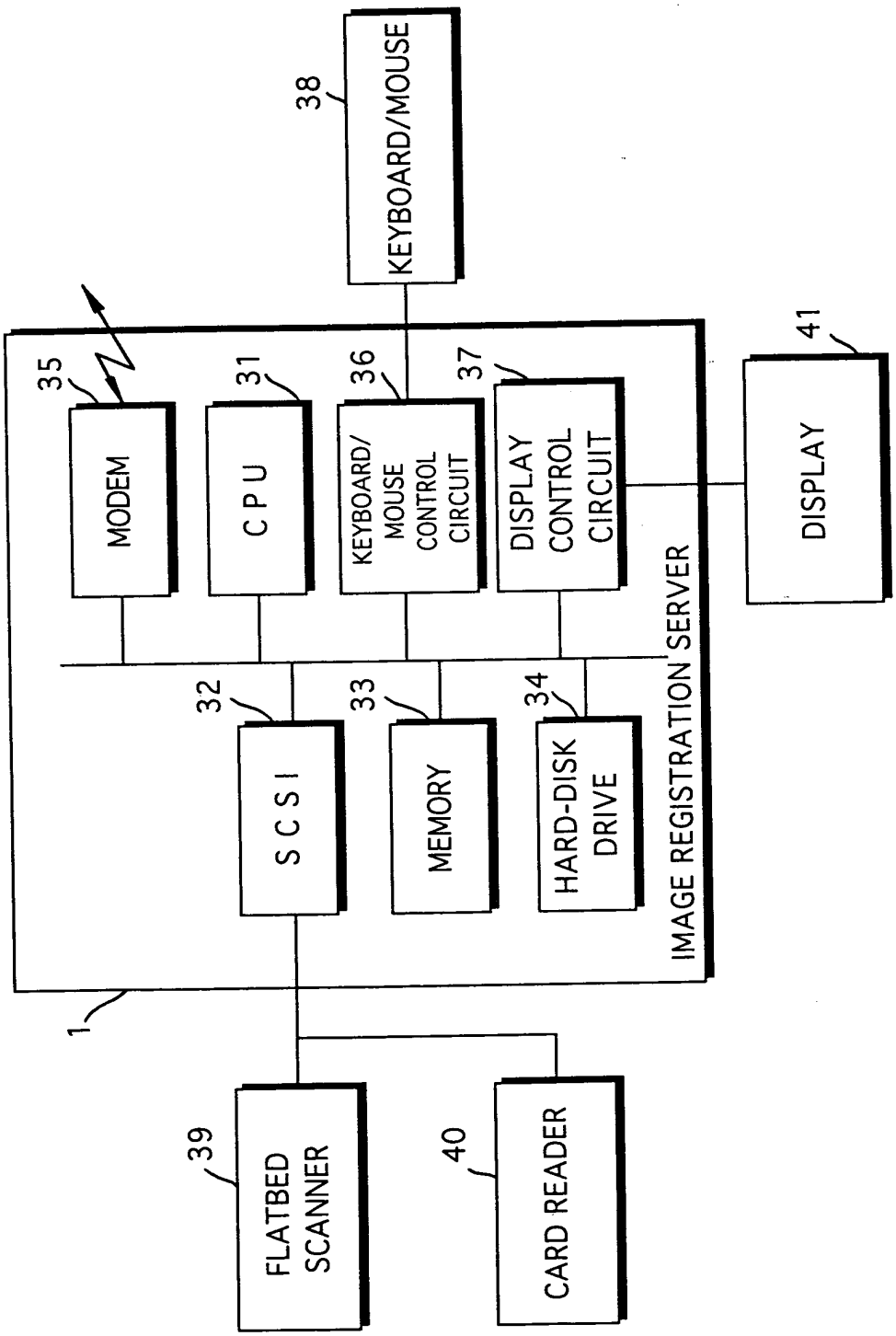


Fig. 3

Fig. 4

CLIENT TERMINAL	KEY USED IN ENCRYPTION
NO. 1 ONLINE CLIENT TERMINAL	KEY A
NO. 2 ONLINE CLIENT TERMINAL	KEY B
⋮	⋮
NO. 1 OFFLINE CLIENT TERMINAL	KEY F
NO. 2 OFFLINE CLIENT TERMINAL	KEY G
⋮	⋮

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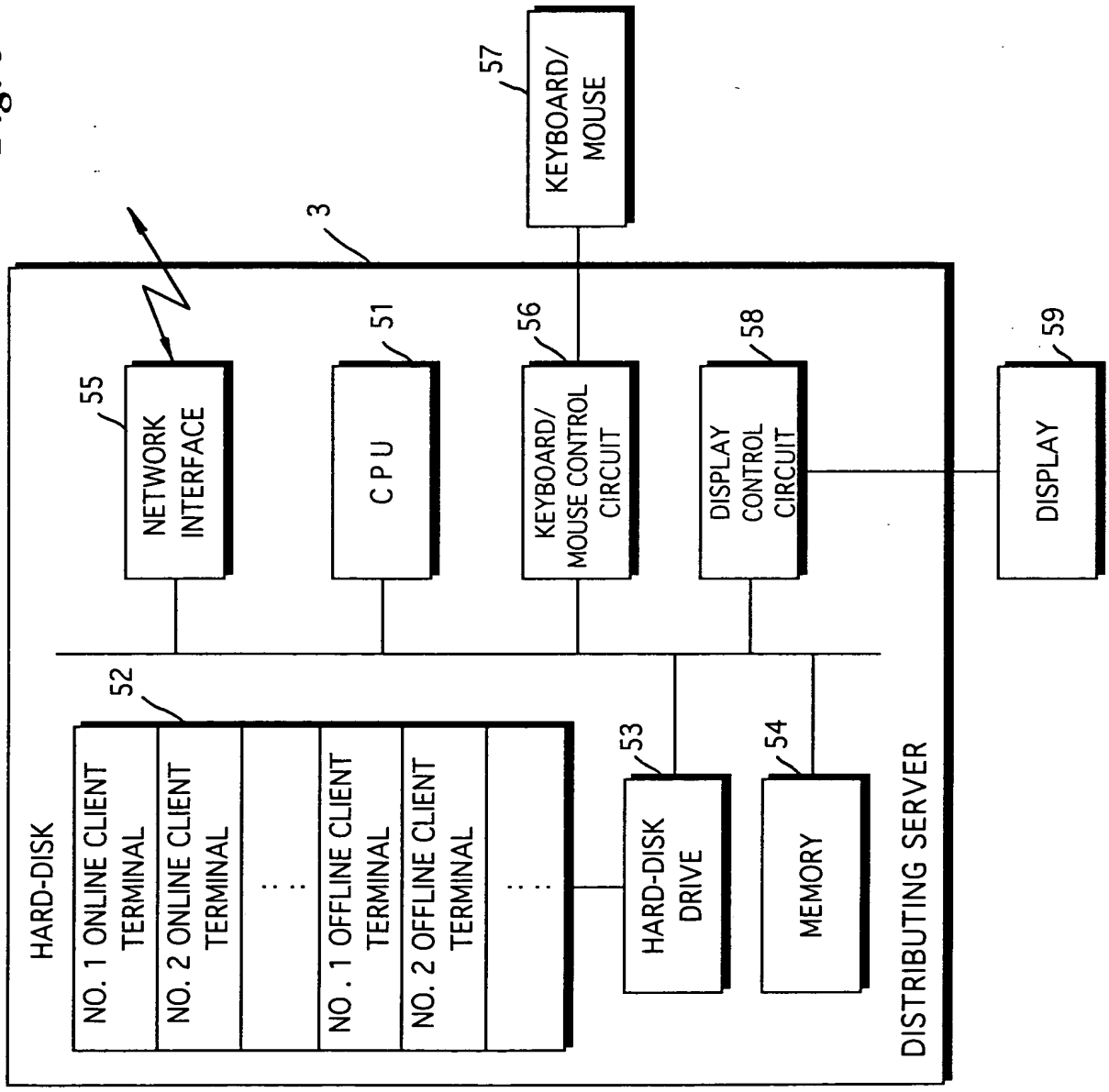
Fig. 5


DISTRIBUTING SERVER
HARD-DISK
NO. 1 ONLINE CLIENT TERMINAL
NO. 2 ONLINE CLIENT TERMINAL
NO . 1 OFFLINE CLIENT TERMINAL
NO. 2 OFFLINE CLIENT TERMINAL
HARD-DISK DRIVE
MEMORY
NETWORK INTERFACE
CPU
KEYBOARD/ MOUSE CONTROL CIRCUIT
DISPLAY CONTROL CIRCUIT
DISPLAY
KEYBOARD/ MOUSE
3
51
52
53
54
55
56
57
58
59

0026960 "10/2960

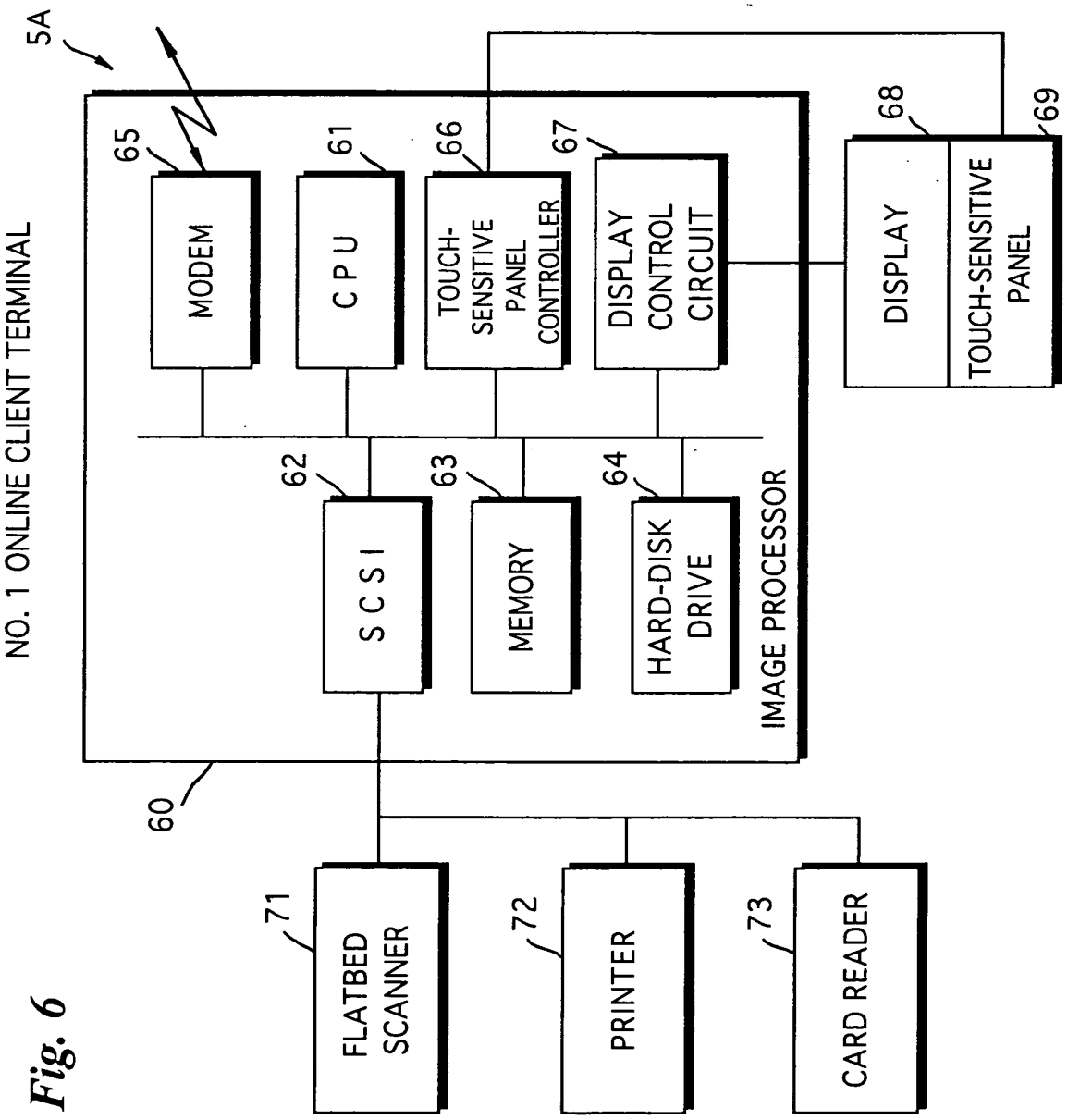


Fig. 6

0026060 "TO4393"

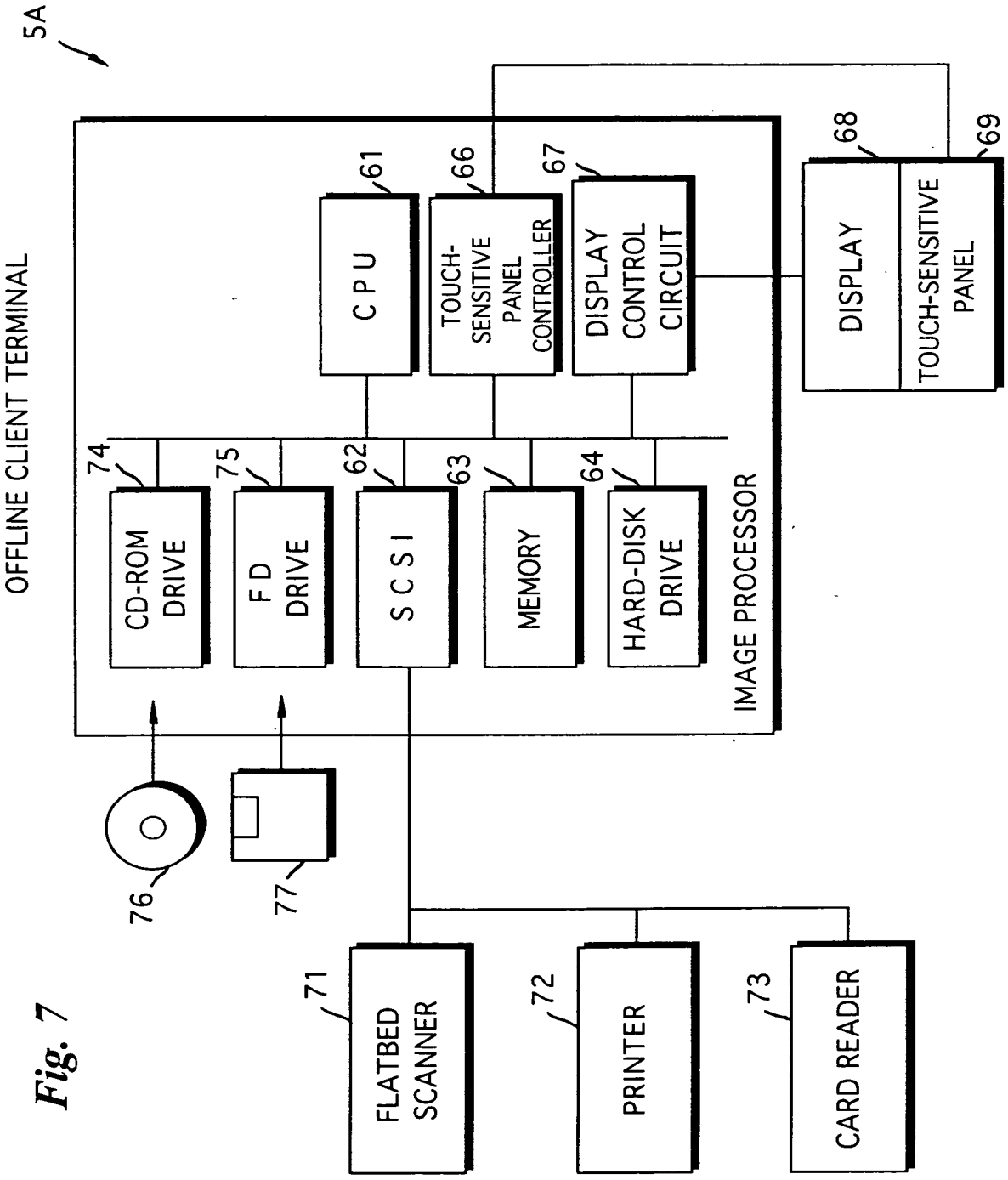
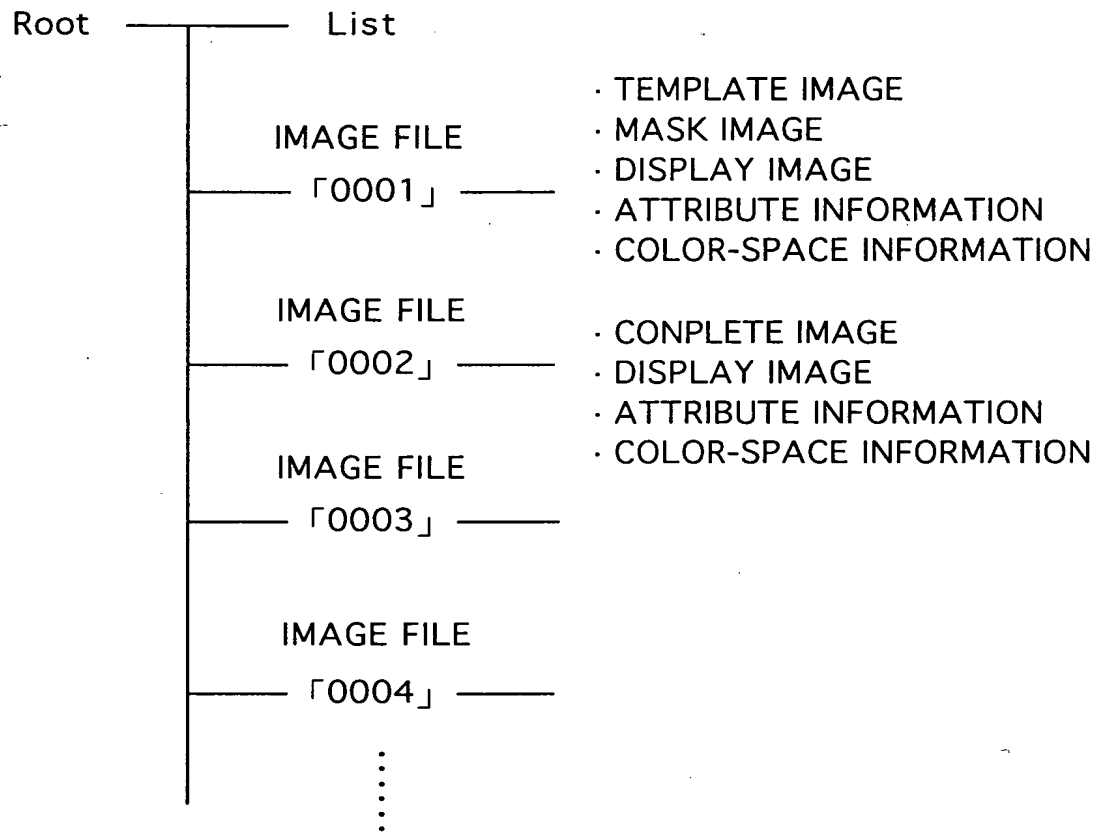


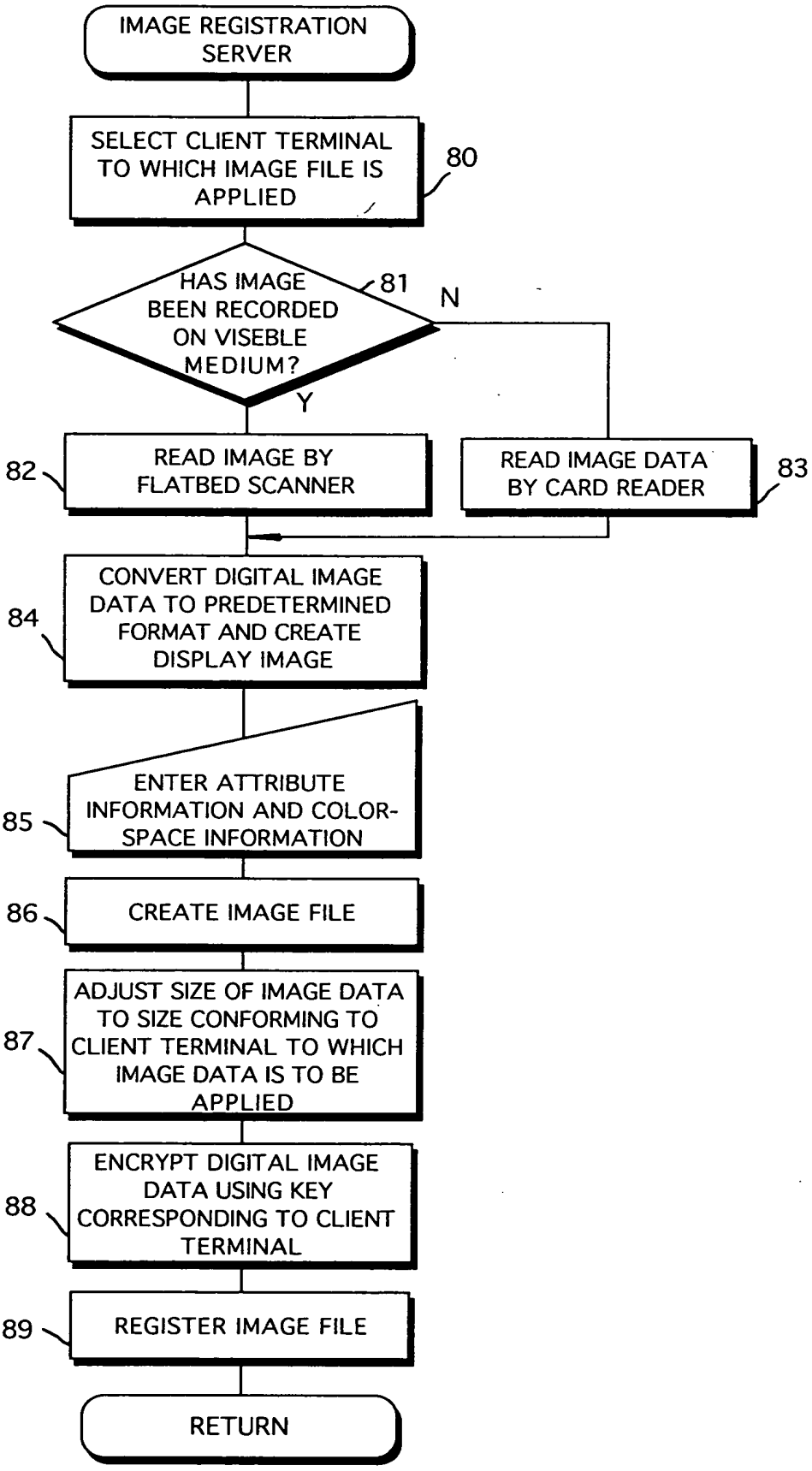
Fig. 7

Fig. 8



0005270.040500

Fig. 9



0022501 "07/559,960

0022601 "TO4/3960

Fig. 10a

BEFORE CONVERSION

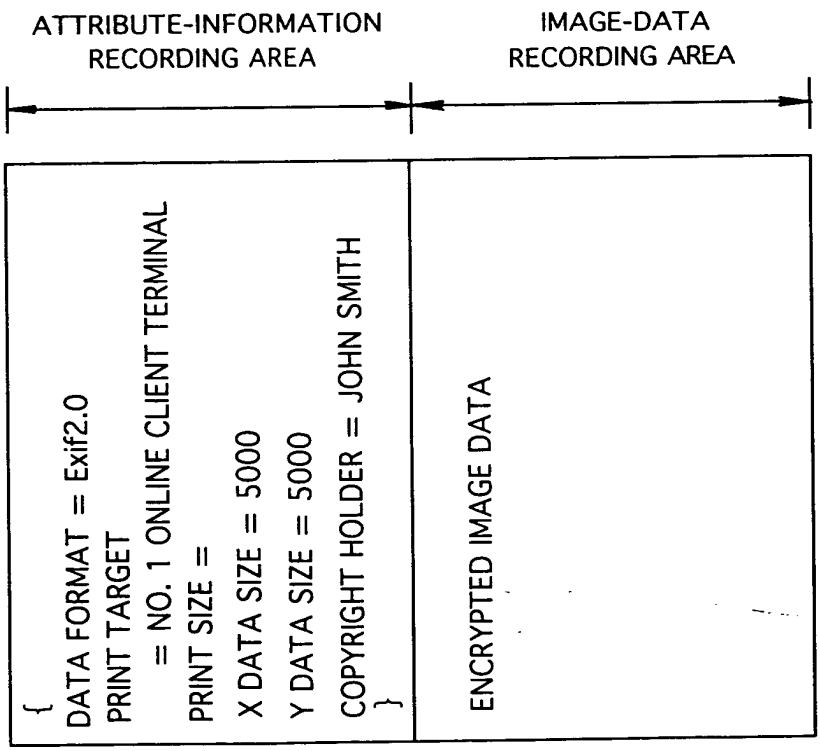


Fig. 10b

AFTER CONVERSION

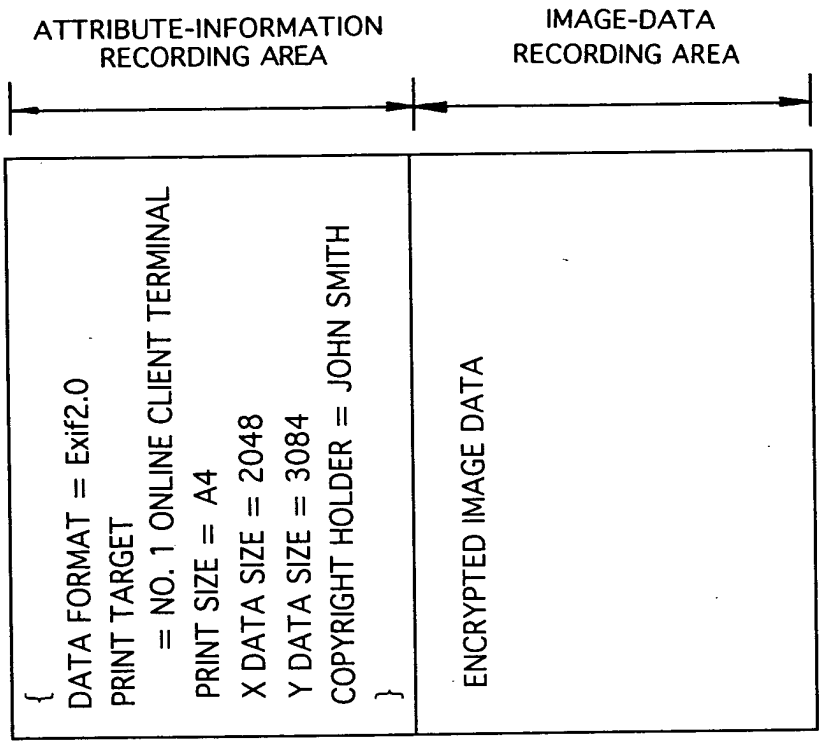
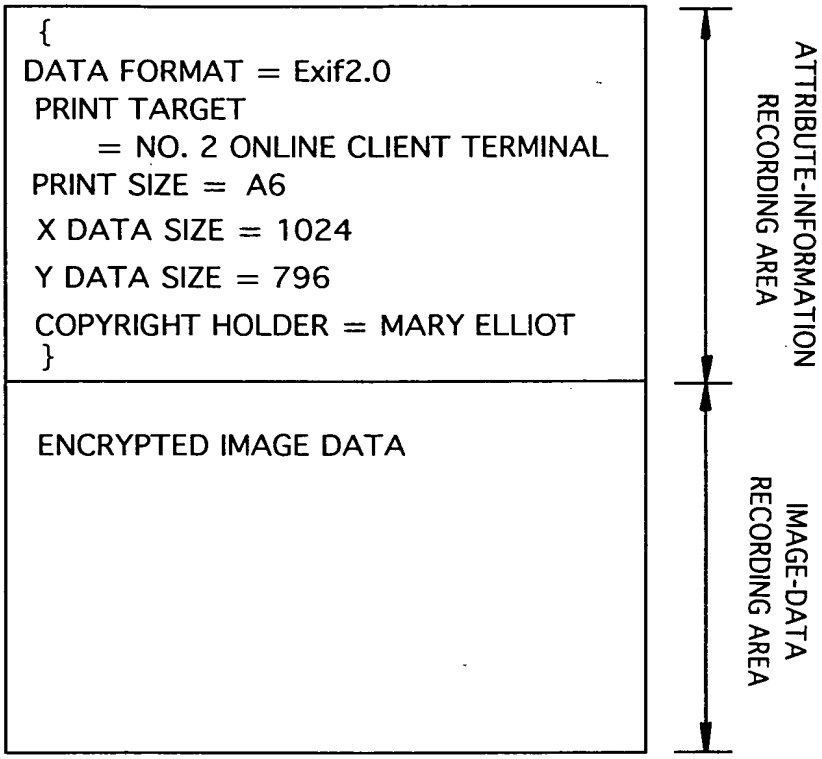
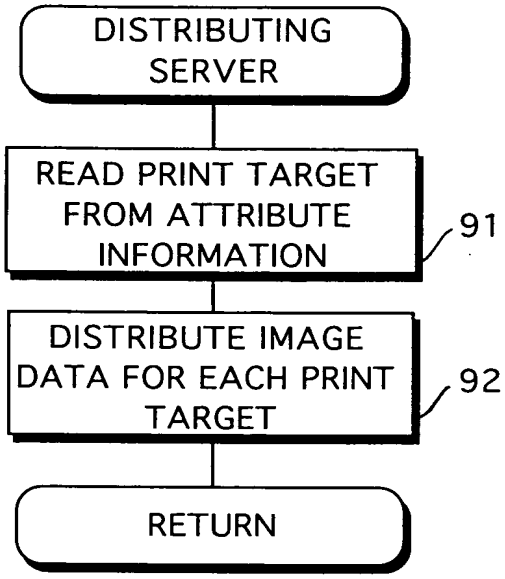


Fig. 11



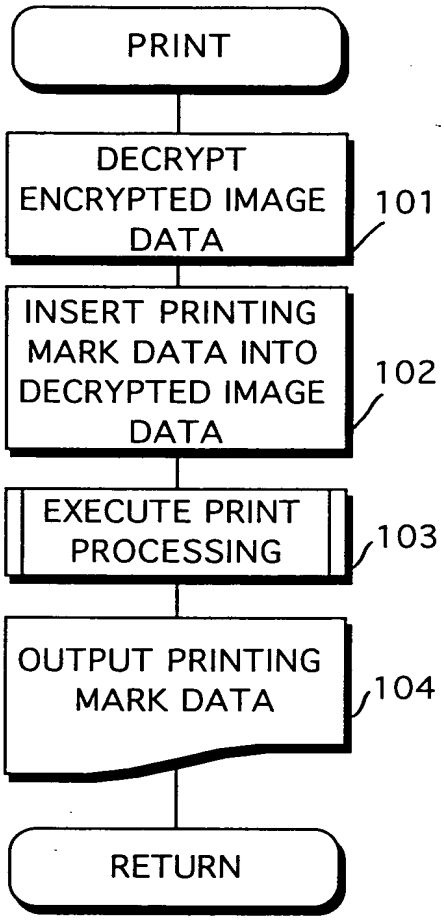
0966701 "09/2700

Fig. 12



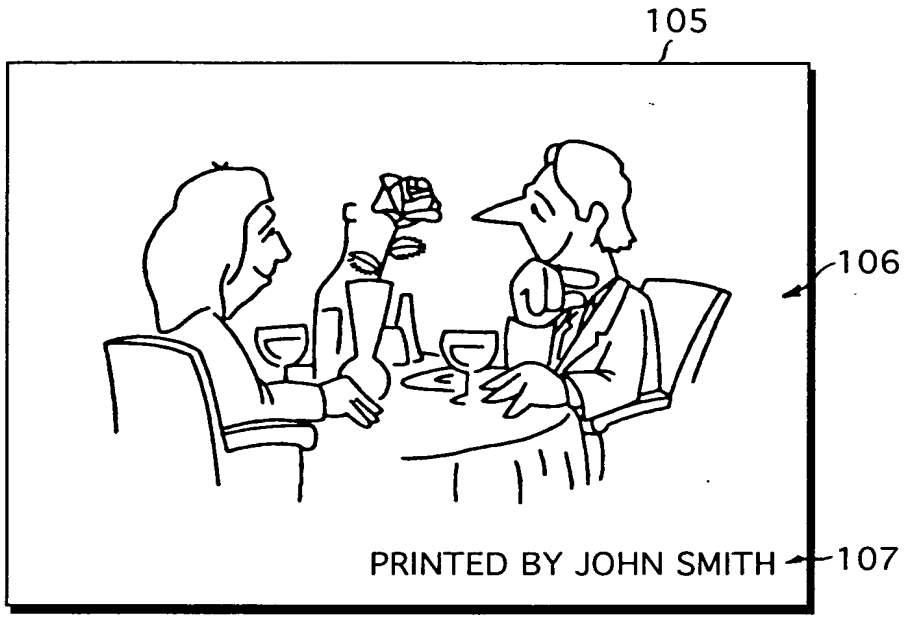
0026501 TO2/9950

Fig. 13



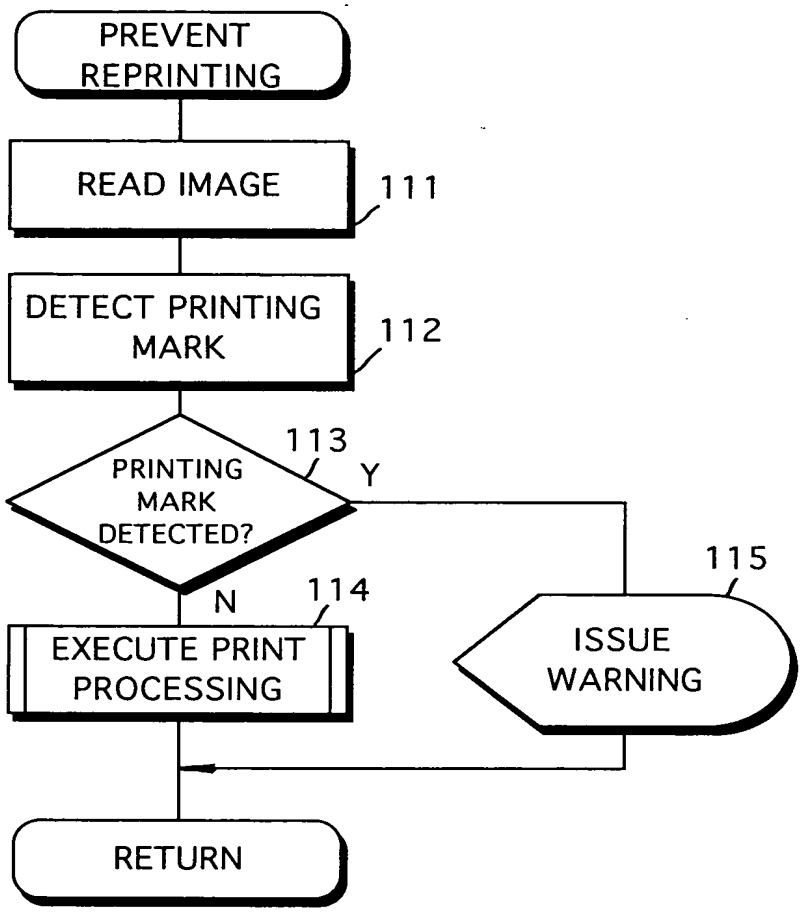
0002050 "T02/09950

Fig. 14



0022650" T0/2/99 50

Fig. 15



0025650 - 1047950

Fig. 16

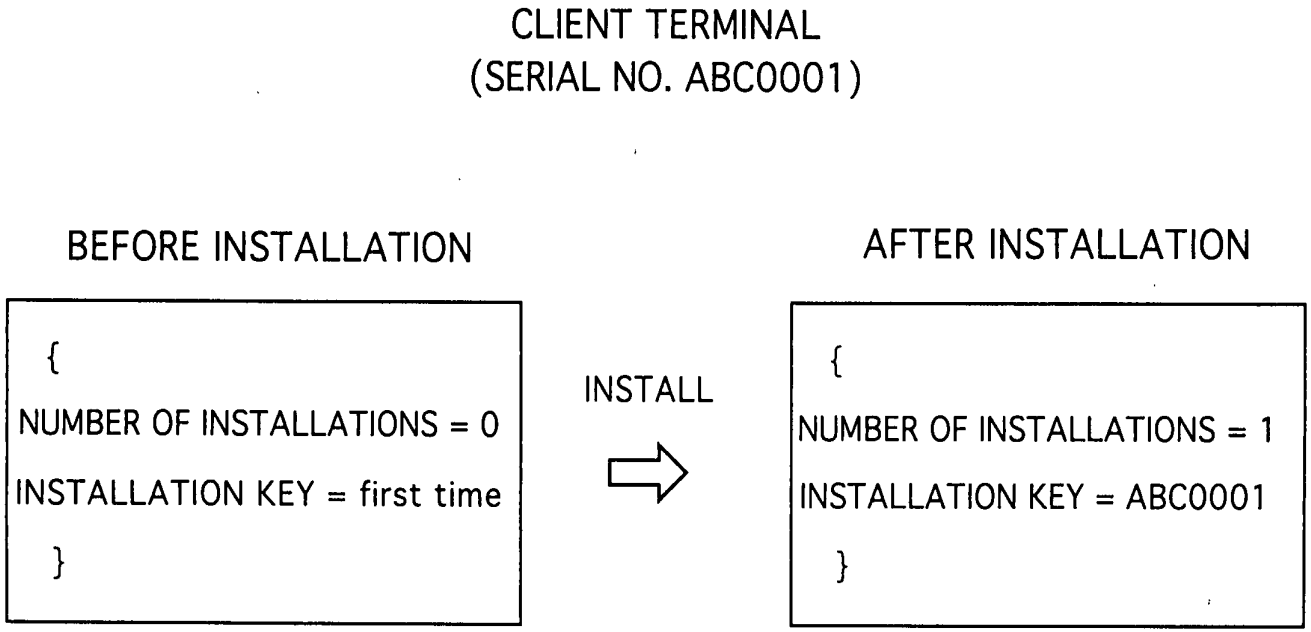
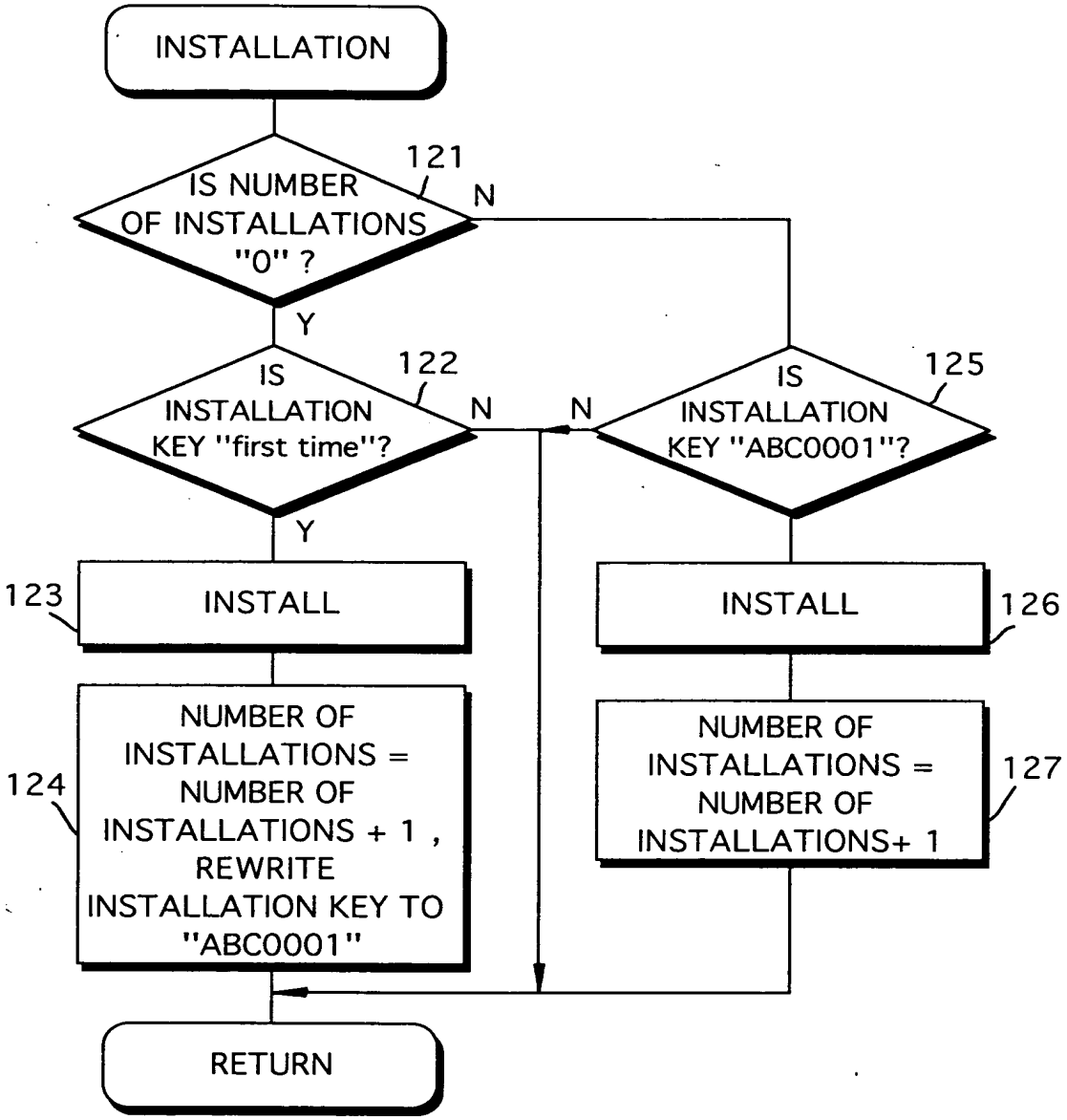

CLIENT TERMINAL
(SERIAL NO. ABC0001)
BEFORE INSTALLATION
{
NUMBER OF INSTALLATIONS = 0
INSTALLATION KEY = first time
}
INSTALL
AFTER INSTALLATION
{
NUMBER OF INSTALLATIONS = 1
INSTALLATION KEY = ABC0001
}

Fig. 17



0960702.052202

Fig. 18

LOG DATA (TRANSMISSION)

TERMINAL ID : 0123ABC
IMAGE ID : 12110-00008-00000
SERVICE TIME : 8/9/1999; 18:54
PAPER TYPE : A6
NUMBER OF PRINTS : 2

Fig. 19

LOG DATA (FD)

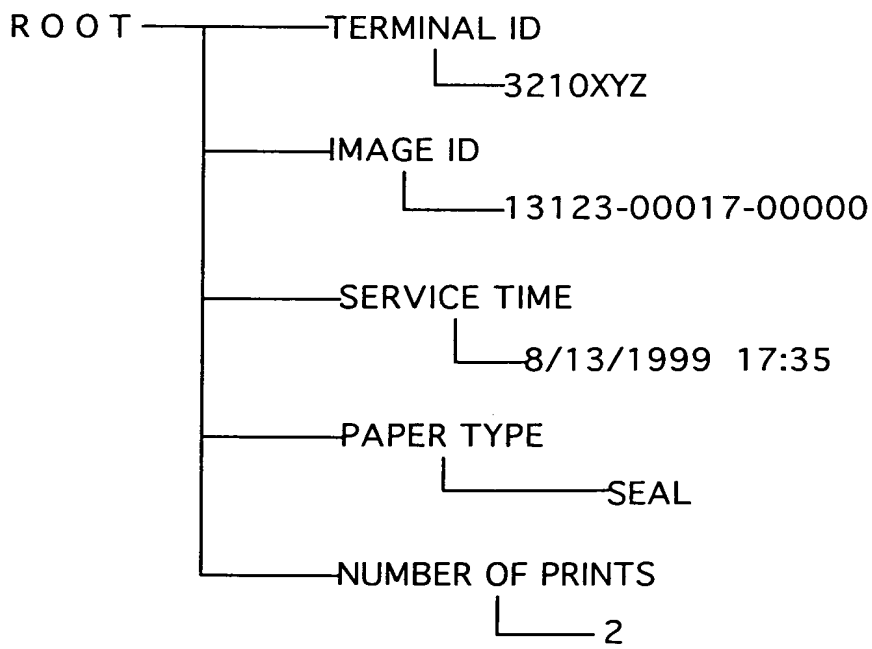
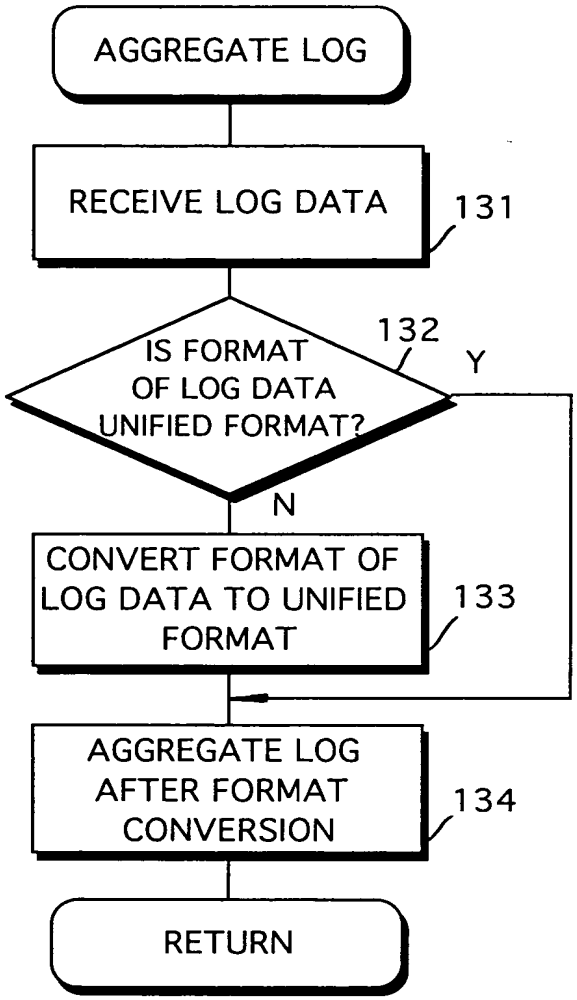


Fig. 20



0002260 "EO2/9960

Fig. 21

UNIFIED- FORMAT DATA

<PERSONAL INFORMATION>
<TERMINAL ID>
<IMAGE ID>
<SERVICE TIME>
<PAPER TYPE>
<NUMBER OF PRINTS>

EP 1 054 569 A2

Fig. 22

AGGREGATE LOG DATA

<PERSONAL INFORMATION>
<TERMINAL ID> 0123ABC <¥TERMINAL ID>
<IMAGE ID> 12110-00008-00000 <¥IMAGE ID>
<SERVICE TIME> 8/9/1999 18:54 <¥SERVICETIME>
<PAPER TYPE> A6 <¥PAPER TYPE>
<NUMBER OF PRINTS> 2 <¥NUMBER OF PRINTS>
<¥PERSONAL INFORMATION>
<PERSONAL INFORMATION 2>
<TERMINAL ID> 3210XYZ <¥TERMINAL ID>
<IMAGE ID> 13123-00017-00000 <¥IMAGE ID>
<SERVICE TIME> 8/13/1999 17:35 <¥SERVECIE TIME>
<PAPER TYPE> SEAL <¥PAPER TYPE>
<NUMBER OF PRINTS> 3 <¥NUMBER OF PRINTS>
<¥PERSONAL INFORMATION 2>

0960210.960210